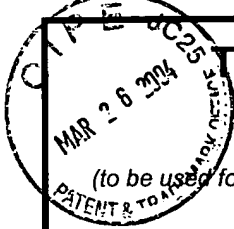


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		Application Number	10/687,022
		Filing Date	October 16, 2003
		First Named Inventor	J. Dale Ortego, Jr.
		Art Unit	1621
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	7	Attorney Docket Number	1856-34101

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief in Triplicate) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449 with 29 references; Acknowledgement Post Card
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Tod T. Tumey, PTO Reg. No. 47,146 GENTLEY ROSE, P.C.		
Signature			
Date	March 22, 2004		

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Signature		Date	March 22, 2004

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122217/1856-34101



Applicant:	J. Dale Ortego, Jr., et al.	§	
		§	
Serial No.:	10/687,022	§	Group Art Unit: 1621
		§	
Filed:	October 16, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Fischer-Tropsch Processes and	§	Conf. No.: 9129
	Catalysts Made Therefrom	§	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Att'y Docket No.: 1856-34101
Client's Ref. No.: 9766.0-02
Date: March 22, 2004

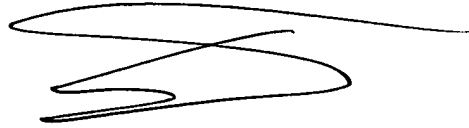
Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. Since the Application was filed after June 30, 2003, copies of cited U.S. Patents are not enclosed. However, copies of the foreign patent documents, as well as the non-patent literature documents listed on Form PTO-1449, are enclosed herewith.

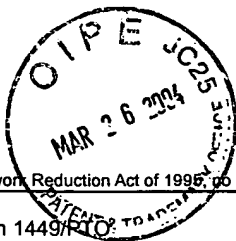
The submission of this Information Disclosure Statement and the references submitted therewith is not an admission that the art cited is "prior" with respect to the present invention nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

No Office Action on the merits has been received in the present application and therefore no fee is due. In the event there is an Office Action dated prior to the mailing date of this Information Disclosure Statement, the PTO is authorized to charge Deposit Account 03-2769, Conley Rose, P.C., in the appropriate amount, so that this Information Disclosure Statement may be considered under Rule 1.97(c).

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'Tod T. Tumey', written over a horizontal line.

Tod T. Tumey
PTO Reg. No. 47,146
CONLEY ROSE, P.C.
P.O. Box 3267
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ATTORNEY FOR APPLICANTS



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				Application Number	10/687,022
				Filing Date	October 16, 2003
				First Named Inventor	J. Dale Ortego, Jr.
				Group Art Unit	1621
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	1856-34101

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-2,892,858	06-30-1959	Ziegler	
		US-3,852,190	12-03-1974	Buss et al.	
		US-4,012,313	03-15-1977	Buss et al.	
		US-4,063,851	12-20-1977	Weldon	
		US-4,224,192	09-23-1980	Foster et al.	
		US-4,387,085	06-07-1983	Fanelli et al.	
		US-4,617,183	10-14-1986	Lewis et al.	
		US-4,708,945	11-24-1987	Murrell et al.	
		US-4,744,974	05-17-1988	Lewis et al.	
		US-4,831,007	05-16-1989	Murrell et al.	
		US-4,891,127	01-02-1990	Murrell et al.	
		US-5,055,019	10-08-1991	Meyer et al.	
		US-5,102,851	04-07-1992	Eri et al.	
		US-5,116,879	05-26-1992	Eri et al.	
		US-5,134,107	07-28-1992	Narula	
		US-5,232,580	08-03-1993	Le et al.	
		US-5,837,634	11-17-1998	McLaughlin et al.	
		US-6,063,358	05-16-2000	Lindquist et al.	
		US-6,224,846	05-01-2001	Hurlburt et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code* Number* Kind Code ⁵ (if known)				
		GB 640,965	08-02-1950	Anglo-Iranian Oil Co.		
		GB 2 352 194 A	01-24-2001	Sasol Technology		
		WO 02/07883 A2	01-31-2002	Sasol Technology		
		WO 99/42214	08-26-1999	Sasol Technology		

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Application Number	10/687,022
Filing Date	October 16, 2003
First Named Inventor	J. Dale Ortego, Jr.
Group Art Unit	1621
Examiner Name	Not Yet Assigned
Attorney Docket Number	1856-34101

[illegible][illegible]

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Sheet	3	of	4	Attorney Docket Number	1856-34101

NON PATENT LITERATURE DOCUMENTS				
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		IHNS SCHULZ; Short History and Present Trends of Fischer-Tropsch Synthesis; Abstract; Universit Karlsruhe, Germany; 10 pages.		
		M. ABSI-HALABI, et al.; "Studies on Pore Size Control of Alumina: Preparation of Alumina Catalyst Extrudates with Large Unimodal Pore Structure by Low Temperature Hydrothermal Treatment"; Preparation of Catalysts V, 1991 Elsevier Science Publishers B.V., Amsterdam, pp. 155 - 163.		
		ALCOA WORLD CHEMICAL; "High purity, high density, boehmite aluminas"; ALCOA Product Data USA/6070-RO4/0801; 2 pages.		
		ALCOA WORLD CHEMICAL; "High purity, high density, gamma phase alumina"; ALCOA Product Data Sheet USA/6080-RO2/0601; 2 pages.		
		CONDEA; "High purity activated aluminas PURALOX, CATALOX"; Product Information Sheet 10/99; 6 pages		
		RONG-SHENG ZHOU, et al.; "Structures and Transformation Mechanisms of the η , γ and θ Transition Aluminas"; International Union of Crystallography 1991; Institute for Ceramic Superconductivity, New York State College of Ceramics, Alfred University, Alfred, NY 14802, USA; pp. 617-630		
		RICHARD L. SMITH, et al.; "The Influence of Diaspore Seeding and Chlordie Concentration on the Transformation of 'Diasporic' Precursors to Corundum"; Journal of the American Ceramic Society, October 16, 2000; 31 pages.		
		S. MATSUDA, et al.; "A New Support Material for Catalytic Combustion Above 1000 °C"; 8th International Congress on Catalysis; Vol. IV: Impact of surface science on catalysis, structure-selectivity/activity correlations, new routes for catalyst synthesis, pages IV-879-IV-889.		
		H.C. STUMPF, et al.; "Thermal Transformations of Aluminas and Alumina Hydrates"; Industrial and Engineering Chemistry, Vol. 42, No. 7, July 1950; pages 1398-1403.		
		SHU-HUI CAI, et al.; "Atomic Scale Mechanism of the Transformation of γ -Alumina to θ -Alumina"; The American Physical Society 2002; Physical Review Letters, Vol. 89, No. 23; December 2, 2002; 4 pages.		
		ZHONG-WEN LIU, et al.; "Partial Oxidation of Methane Over Nickel Catalysts Supported on Various Aluminas"; Korean J. Chem. Eng., Vol. 19, No. 5, pages 735-741 (2002).		

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Sheet	4	of	4	Attorney Docket Number	1856-34101

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		HYUN-SEOG ROH, et al.; "Partial Oxidation of Methane Over Ni/θ-A1 ₂ O ₃ Catalysts"; Chemistry Letters 2001; March 19, 2001; pages 666-667.		
		HYUN-SEOG ROH, et al.; "Partial Oxidation of Methane Over Ni/Ce-ZrO ₂ /θ-A1 ₂ O ₃ "; Korean J. CHem. Eng., Vol. 19, No. 5; pages 742-748 (2002).		
		HIROMICHI ARAI, et al.; "Thermal stabilization of catalysts supports and their application to high-temperature catalytic combustion"; Applied Catalysis A: General 138 (1996); pages 161-176; Elsevier Science Publishers B.V., Amsterdam.		
		BERNARD BÉGUIN et al.; "Stabilization of alumina by addition of lanthanum"; Applied Catalysis A: General 138 (1996); pages 161-176; Elsevier Science Publishers B.V., Amsterdam.		
		FRANÇOIS OUDET, et al.; "Thermal Stabilization of Transition Alumina by Structural Coherence with LnAlO ₃ (Ln = La, Pr, Nd)"; Journal of Catalysts Vol. 114; pages 112-120 (1988).		
		H. SCHAPER, et al.; "The Influence of Lanthanum Oxide on the Thermal Stability of Gamma Alumina Catalyst Supports"; Applied Catalysis, Vol. 7 (1983), pages 211-220; Elsevier Science Publishers B.V., Amsterdam.		
		JALAJAKUMARI NAIR, et al.; "Pore Structure Evolution of Lanthana-Alumina Systems Prepared Through Coprecipitation"; J. Am Ceram. Soc., Vol. 83, No. 8; pages 1942-46 (2000).		
		S. N. RASHKEEV, et al.; "Transition metal atoms on different alumina phases: The role of subsurface sites on catalytic activity"; Physical Review B, Vol. 67, No. 115414; 4 pages.		
		HENNIE SCHAPER, et al.; "Thermal Stabilization of High Surface Area Lumina"; Solid State Ionics, Vol. 16 (1985), pages 261-266.		
		XIAOYIN CHEN, et al.; "High temperature stabilization of alumina modified b lanthanum species"; Applied Catalysis A: General, Vol. 205 (2001); pages 159-172.		
		S. SUBRAMANIAN, et al.; "Characterization of lanthana/alumina composite oxides"; Journal of Molecular Catalysis, Vol. 69 (1991); pages 235-245.		
		P. SOUZA SANTOS, et al.; "Standard Transition Aluminas. Electron Microscopy Studies"; Materials Research, Vol. 3, No. 4; pages 104-114, 2000.		
		E. IGLESIA, et al.; "Computer-Aided Design of Catalysts," ed. E.R. Becker et al., p. 215-225, New York, Marcel Decker, Inc., 1993.		
		H. PHAM, et al.; "The synthesis of attrition resistant slurry phase iron Fischer-Tropsch catalysts," Catalysis Today, Vol. 58 (2000), pp. 233-240.		

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